

MONITORING WELL COMPLETION LOG GRN01-0178

PROJECT	UMTRA GROUND WATER	NORTH COORD. (FT)	237259.77	DATE DRILLED	07/09/1990 to 07/10/1990
LOCATION	GREEN RIVER, UT	EAST COORD. (FT)	2387627.48	SURFACE ELEV. (FT NGVD)	4153.40
SITE	GREEN RIVER	HOLE DEPTH (FT)	110.00	TOP OF CASING (FT)	4156.77
WELL NUMBER	0178	WELL DEPTH (FT)	110.00	MEAS. PT. ELEV. (FT)	4156.77
				SLOT SIZE (IN)	0.050
				BIT SIZE(S) (IN)	8.75 / 7.88
WELL INSTALLATION			INTERVAL (FT)	DRILLING METHOD	
SURFACE CASING:	8 in. Steel		-2.0 to 4.0	SAMPLING METHOD	
BLANK CASING:	4 in. PVC Sch 40		-3.37 to 98.0	DATE DEVELOPED	
WELL SCREEN:	4 in. Slotted PVC		98.0 to 108.0	WATER LEVEL (FT BTOC)	
SUMP/END CAP:	4 in. PVC Sch 40		108.0 to 110.0	LOGGED BY	
SURFACE SEAL:				REMARKS	
GROUT:	Bentonite		0.0 to 9.0		
SEAL:	Bentonite Chips		9.0 to 81.0		
UPPER PACK:					
LOWER PACK:	8-12 Silica Sand		81.0 to 110.0		

DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	WELL DIAGRAM	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
	4150				<p>The well diagram shows a vertical well with casing. Grout is indicated between the casing and the borehole wall from the surface down to approximately 10 feet. Bentonite chips are indicated at the bottom of the well, starting around 9 feet and extending to the bottom at 110 feet.</p>		0-5.0 ft. GRAVELLY SAND (SW-GW); some silt, medium to coarse sand, poorly graded, angular to subangular, light tan, dry.
							5.0-110.0 ft. CEDAR MOUNTAIN FORMATION: 5.0-7.0 ft. SANDSTONE; fine grained, brown, medium hard. 7.0-10.0 ft. SHALE; fissile, soft, calcareous, brown gray.
10	4140						10.0-21.0 ft. SANDSTONE; fine grained, medium hard, calcareous, light gray, interbedded with siltstone.
20							21.0-41.0 ft. SILTSTONE; fissile, moderately hard to moderately soft, calcareous, light gray, interbedded with thin shales (fissile, soft, calcareous, gray).
30	4130						41.0-50.0 ft. SILTY SHALE; fissile, moderately hard, calcareous, light gray to gray.
40	4120						
	4110						

Stoller-GJO

U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION OFFICE, COLORADO

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